



60 •	Fault —Showing dip where known. Bar and ball on downthrown side. Arrows show apparent sense of lateral displacement. Dotted where concealed
	Thrust fault—Teeth on upthrown side
	Low-angle detachment fault—Hachures on upper plate. Dotted where concealed
	Anticline—Trace of axial surface
	Syncline—Trace of axial surface
	Overturned syncline—Trace of axial surface
45	Strike and dip of beds
	Strike and dip of foliation or cleavage
35	Inclined
	Vertical
15 20	Strike and dip of inclined foliation and plunge of lineation
35 →	Strike and dip of inclined foliation and horizontal lineation
35	Strike and dip of beds and intersecting foliation

———— Contact—Approximately located

MAP UNIT	GEOMORPHIC SURFACE OF BULL (1991)	ESTIMATED AGE (KA)	EPOCH
Qw	Q4b	0	
Qa ₆	Q4a	0.1–2	HOLOCENE
Qa ₅	Q3c	2–4	ГОС
	Q3b	4–8	H
Qa ₃ , Qa ₄	Q3a	8–12	
	Q2c	12–70	ENE
	Q2b	70–200	TOCI
	Q2a	400–730	PLEISTOCENE
QTa ₂	Q1	>1200	П

Strike and dip of beds and intersecting foliation of equal strike and

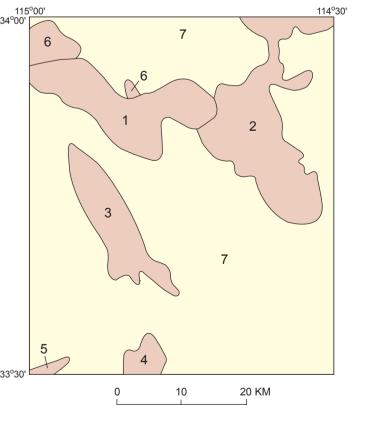
Edge of alluvial terrace—Hachures point downslope from surface of terrace

Crest of sand dune

Correlation of units QTa₂, Qa₃-Qa₆, and Qw with alluvial geomorphic surfaces of Bull (1991)

	STONE, 1990; THIS REPORT	PELKA, 1973	HARDING AND CONEY, 1985	
	Member L	McCoy Mountains Formation, undifferentiated	Conglomerate Mbr. (structurally repeated)	
MATION	Member K	Unit 14		
	Member J	Unit 13		
	Member I	Unit 12	Siltstone	
	Member H	Unit 11	member	
ORI	Member G	Unit 10		
MCCOY MOUNTAINS FORMATION	Member F	Unit 9		
		Unit 8	Sandstone member Conglomerate member	
		Unit 7		
		Unit 6		
		Unit 5		
MCC	Member E	Unit 4	Mudstone member	
	Member D	Unit 3	Basal sandstone	
	Member C	Unit 2	member 2	
	Member B	Unit 1	Basal sandstone member 1	
	Member A	Offic 1		

Correlation of members A-L of the McCoy Mountains Formation with units of Pelka (1973) and Harding and Coney (1985)



Primary sources of geologic mapping, west half of Blythe 30' by 60' quadrangle, California and Arizona

- 1. Ballard, 1990 (Bedrock of Little Maria Mountains and northwestern Big
- Maria Mountains) 2. Hamilton, 1964, 1984; W.B. Hamilton, unpublished mapping of bedrock
- in Big Maria and Riverside Mountains, 1982
- 3. Stone and Pelka, 1989 (Bedrock of McCoy Mountains)
- 4. Tosdal, 1988 (Bedrock of Mule Mountains)
- 5. R.E. Powell, unpublished mapping of bedrock in Little Chuckwalla Mountains, 1990
- 6. P. Stone, unpublished mapping of small bedrock areas in the northern Little Maria Mountains, 1990
- 7. P. Stone, unpublished mapping of surficial deposits, 2004. Blythe Graben mapped by Fugro, Inc. (1975)

Note: 1. A preliminary map of this area was presented by Stone (1990). 2. See accompanying pamphlet for reference information.

Digital files available on World Wide Web at http://pubs.usgs.gov/sim/2006/2292/

Geologic Map of the West Half of the Blythe 30' by 60' Quadrangle, Riverside County, California, and La Paz County, Arizona